



OSMM&N File No. 220136US2

Dept.: E/M

Serial No. 10/083,127

By: GJM/SNS/NPS/vss

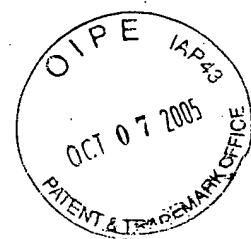
In the matter of the Application of: Pascal CHEVALIER, et al.

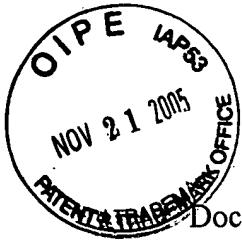
For: METHOD AND DEVICE FOR THE ESTIMATION OF A PROPAGATION CHANNEL FROM ITS STATISTICS

**Due Date: N/A**

The following has been received in the U.S. Patent Office on the date stamped hereon:

- Dep. Acct. Order Form
- Petition under 37 C.F.R. 1.181
- Cover Sheet
- Copy of PTO-1449 Form
- Copy of Date-Stamped Filing Receipt





Docket No.: 220136US2



COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

RE: Application Serial No.: 10/083,127

Applicants: Pascal CHEVALIER, et al.

Filing Date: February 27, 2002

For: METHOD AND DEVICE FOR THE ESTIMATION  
OF A PROPAGATION CHANNEL FROM ITS  
STATISTICS

Group Art Unit: 2682

Examiner: Tran, Tuan A.

SIR:

Attached hereto for filing are the following papers:

**Petition under 37 C.F.R. §1.181**

**Copy of PTO-1449 Form**

**Copy of Filing Receipt**

Our check in the amount of **\$0.00** is attached covering any required fees. In the event any variance exists between the amount enclosed and the Patent Office charges for filing the above-noted documents, including any fees required under 37 C.F.R. 1.136 for any necessary Extension of Time to make the filing of the attached documents timely, please charge or credit the difference to our Deposit Account No. 15-0030. Further, if these papers are not considered timely filed, then a petition is hereby made under 37 C.F.R. 1.136 for the necessary extension of time. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.

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DOCKET NO: 22013-US2



IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF

PASCAL CHEVALIER, ET AL.

: EXAMINER: TRAN, TUAN A.

SERIAL NO: 10/083,127

: GROUP ART UNIT: 2682

FILED: FEBRUARY 27, 2002

:

FOR: METHOD AND DEVICE FOR THE  
ESTIMATION OF A PROPAGATION  
CHANNEL FROM ITS STATISTICS

PETITION UNDER 37 C.F.R. §1.181

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

In accordance with 37 C.F.R. §1.181, Applicants respectfully request the Examiner to acknowledge as considered reference AZ cited in the PTO-1449 form filed with the Information Disclosure Statement (IDS) on May 15, 2002. A copy of the PTO-1449 form is enclosed, along with a copy of the date-stamped filing receipt.

The May 15, 2002 IDS was filed before the Notice of Allowance dated September 2, 2005, in full compliance with the requirements set forth in 37 CFR §§ 1.97 and 1.98. Accordingly, it is respectfully requested that this petition be granted and the IDS be acknowledged.

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.

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OSMM&N File No. 220136US2

Dept.: PP  
By: MJS/rm

Serial No. 10/083,127

In the matter of the Application of: Pascal CHEVALIER, et al.

For: METHOD AND DEVICE FOR THE ESTIMATION OF A PROPAGATION CHANNEL FROM ITS STATISTICS

The following has been received in the U.S. Patent Office on the date stamped hereon:

- pp. Specification & Claims/Drawings Sheets
- Combined Declaration, Petition & Power of Attorney pages
- List of Inventor Names and Addresses
- Utility Patent Application OCPA
- Notice of Priority Priority Doc
- Check for Dep. Acct. Order Form
- Fee Transmittal Form
- Assignment/PTO-1595 pages:
- Letter to Official Draftsman
- Letter Requesting Approval of Drawing Changes
- Drawings sheets  Formal
- Letter
- Amendment
- Information Disclosure Statement PTO-1449
- Cited References (4 )
- FRENCH Search Report (with English translation of category of cited documents)
- Statement of Relevancy
- English Abstracts, Concise Explanation, English Translation, Partial English Translation ( )
- IDS/Related/List of Related Cases Cited Pending Applications (2 )
- Restriction Response
- Rule 132 Declaration
- Petition for Extension of Time
- Election Response

Due date: 05/22/02



Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 220136US2	SERIAL NO. 10/083,127
LIST OF REFERENCES CITED BY APPLICANT		APPLICANT		Pascal CHEVALIER, et al.	
		FILING DATE February 27, 2002		GROUP 2681	
U.S. PATENT DOCUMENTS					
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS SUB CLASS
	AA				
	AB				
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				
	AL				
	AM				
	AN				
FOREIGN PATENT DOCUMENTS					
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES      NO
	AO				
	AP				
	AQ				
	AR				
	AS				
	AT				
	AU				
	AV				
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)					
	AW	A. DESMÉZIÈRES, et al., Proceedings of 1999 2nd Workshop on Signal Processing Advances in Wireless, pgs. 395-398, XP-002178929, "POLARIZATION IN SPACE-TIME PROCESSING FOR PROPAGATION CHANNEL IDENTIFICATION", May 9-12, 1999			
	AX	M. CHENU-TOURNIER, et al., Proceedings of the 2000 IEEE Sensor Array and Multichannel Signal Processing, pgs. 12-16, XP-002179594, "A PARAMETRIC SPATIO-TEMPORAL CHANNEL ESTIMATION TECHNIQUE FOR FDD UMTS UPLINK", March 16-17, 2000			
	AY	H. GAZZAH, et al., 2000 IEEE International Conference on Acoustics, Speech, and Signal Processing, Vol. 5, pgs. 2717-2720, XP-002179595, "A BLIND IDENTIFICATION ALGORITHM ROBUST TO ORDER OVER ESTIMATION", June 5-9, 2000			
	AZ	L. TONG, et al., Proceedings of the IEEE, Vol. 86, No. 10, pgs. 1951-1968, XP-000859736, "MULTICHANNEL BLIND IDENTIFICATION: FROM SUBSPACE TO MAXIMUM LIKELIHOOD METHODS", October 1998			
Examiner				Date Considered	
<p>*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>					